Joshua Hurt

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EDUCATION

San Jacinto College, Pasadena, TX   *August 2012 – January 2014*

Associate of Science in Mathematics

- *Dean's List*

The University of Texas at Austin, Austin, TX   *August 2014 - December 2016*

Bachelor of Science in Computer Science

- GPA 3.33

- Relevant Courses: Data Structures; Discrete Mathematics; Differential Equations;

- Relevant Current Courses: Computer Architecture and Organization; Statistics and Probability; Number Theory

PROJECTS

Snake Solver (Game Jam - Python)

- Snake but you have to solve an equation to advance levels

- https://github.com/CamelBackNotation/gamejam

Android Wear App – StockFeed (HackTX team – Java)

- Developed back-end using Bloomberg API to provide info on cryptocurrency and stock price

URL Text and Image Fetcher (Individual Project – Python)

- Downloads all images and text from a URL into a specified directory

TECHNICAL SKILLS

- **Languages:** Proficient in Java, Python; Experience in C, C++, Bash

- **Operating Systems:** Linux, Windows

EXPERIENCE

NASA MSFC   January 2014 – May 2014

Intern for the Deputy Center Chief Technologist

- Helped integrate Nanolaunch RCS code into pub/sub framework on BeagleBone Black (C++)

- Compiled significant hardware to be put on display

- Built technical presentation depicting state-of-the-art technology for cubesats

- Gained experience in Python, C++, CAD

COMMUNITY INVOLVEMENT/LEADERSHIP

Math and Engineering Club

- Club to promote interest in higher mathematics with a focus on applicable skills

- President for one year – in charge of large event planning and day-to-day decisions

Terry Scholar Student Association

- Scholarship organization promoting leadership and service in the community

National Community College Aerospace Scholars Program

- Competition awarding students the opportunity to meet NASA engineers and scientists

- Led student team in programming LEGO NXT Mars rover for competition (Java)

HONORS AND AWARDS

- Terry Foundation Transfer Scholarship
    - One of fourteen recipients for 2014

- National Science Foundation STEP-UP Scholarship

- T-STEM Scholarship